SAMRUDH
Architects and Interior Designers

Job No.: SAID-BBMP-KAM-W.No.11-2019-20 Date: 17.04.2019

TEST REPORT ON CONCRETE CUBES

Client : **Executive Engineer,** Project Division, Yelahanka Zone, BBMP, Bangalore.

Agency : **Sri. K. Achuta Murthy,** Contractor, Bangalore.

Name of the work : Improvements to Roads and Drains around Ramachandrapura, Kuvempunagara, Vaishnavi Layout, Srinidhi Layout and Sai Garden in Ward No. 11, Kuvempunagara, BBMP, Bangalore.

Assistant Executive Engineer Project Division Yelahanka Zone Bangalore

Reference : EE/P-YNK/WO/117/2018-19 Dated: 08.03.2019

Sample ID : Coping Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{15}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	10.04.2019	17.04.2019	8.153	252.8	11.24
2	10.04.2019	17.04.2019	8.394	284.2	12.63
3	10.04.2019	17.04.2019	8.279	268.9	11.95

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

SAMRUDH ARCHITECTURAL DESIGN

#M-32,25TH Main,LICRaoHousing,J.P Nagar 1st Phase,
Po Box 7826,Bengaluru-560078. Mobile:+91 9845167738 Tele Fax 080-41211493
E-mail:klsuguna7@gmail.com .www.ezdihaar.com

SAMRUDH
Architects and Interior Designers

Job No.: SAID-BBMP-KAM-W.No.11-2019-20 Date: 08.05.2019

TEST REPORT ON CONCRETE CUBES

Client	: **Executive Engineer,** Project Division, Yelahanka Zone, BBMP, Bangalore.
Agency	: **Sri. K. Achuta Murthy,** Contractor, Bangalore.
Name of the work	: Improvements to Roads and Drains around Ramachandrapura, Kuvempunagara, Vaishnavi Layout, Srinidhi Layout and Sai Garden in Ward No. 11, Kuvempunagara, BBMP, Bangalore.
Reference	: EE/P-YNK/WO/117/2018-19 Dated: 08.03.2019
Sample ID	: Coping Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{15}
Compressive Strength as on	: 28th day

Executive Engineer Project Division Yelahanka Zone Bangalore

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	10.04.2019	08.05.2019	8.389	389.5	17.31
2	10.04.2019	08.05.2019	8.257	375.4	16.68
3	10.04.2019	08.05.2019	8.193	362.9	16.13

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

SAMRUDH ARCHITECTURAL DESIGN

#M-32,25TH Main,LICRaoHousing,J.P Nagar 1st Phase,
Po Box 7826,Bengaluru-560078. Mobile:+91 9845167738 Tele Fax 080-41211493
E-mail:klsuguna7@gmail.com .www.ezdihaar.com

SAMRUDH
Architects and Interior Designers

Job No.: SAID-BBMP-KAM-W.No.11-2019-20 Date: 20.05.2019

TEST REPORT ON CONCRETE CUBES

Client : **Executive Engineer,** Project Division, Yelahanka Zone, BBMP, Bangalore.

Agency : **Sri. K. Achuta Murthy,** Contractor, Bangalore.

Name of the work : Improvements to Roads and Drains around Ramachandrapura, Kuvempunagara, Vaishnavi Layout, Srinidhi Layout and Sai Garden in Ward No. 11, Kuvempunagara, BBMP, Bangalore.

Reference : EE/P-YNK/WO/117/2018-19 Dated: 08.03.2019

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	13.05.2019	20.05.2019	8.113	462.4	20.55
2	13.05.2019	20.05.2019	8.231	475.6	21.14
3	13.05.2019	20.05.2019	8.359	491.7	21.85

Note:
1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

SAMRUDH ARCHITECTURAL DESIGN

#M-32,25TH Main,LICRaoHousing,J.P Nagar 1st Phase,
Po Box 7826,Bengaluru-560078. Mobile:+91 9845167738 Tele Fax 080-41211493
E-mail:klsuguna7@gmail.com .www.ezdihaar.com

SAMRUDH
Architects and Interior Designers

Job No.: SAID-BBMP-KAM-W.No.11-2019-20 Date: 10.06.2019

TEST REPORT ON CONCRETE CUBES

Client	**: Executive Engineer,** Project Division, Yelahanka Zone, BBMP, Bangalore.
Agency	**: Sri. K. Achuta Murthy,** Contractor, Bangalore.
Name of the work	: Improvements to Roads and Drains around Ramachandrapura, Kuvempunagara, Vaishnavi Layout, Srinidhi Layout and Sai Garden in Ward No. 11, Kuvempunagara, BBMP, Bangalore.
Reference	: EE/P-YNK/WO/117/2018-19 Dated: 08.03.2019
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{30}
Compressive Strength as on	: 28th day

Executive Engineer Project Division Yelahanka Zone Bangalore

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	13.05.2019	10.06.2019	8.184	727.1	32.32
2	13.05.2019	10.06.2019	8.265	703.5	31.27
3	13.05.2019	10.06.2019	8.317	717.6	31.89

Note:
1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

RUDH ARCHITECTURAL

#M-32,25TH Main,LICRaoHousing,J.P Nagar 1st Phase,
Po Box 7826,Bengaluru-560078. Mobile:+91 9845167738 Tele Fax 080-41211493
E-mail:klsuguna7@gmail.com .www.ezdihaar.com

SAMRUDH
Architects and Interior Designers

Job No.: SAID-BBMP-KAM-W.No.11-2019-20 Date: 20.05.2019

TEST REPORT ON CONCRETE CUBES

Client : **Executive Engineer,** Project Division, Yelahanka Zone, BBMP, Bangalore.

Agency : **Sri. K. Achuta Murthy,** Contractor, Bangalore.

Name of the work : Improvements to Roads and Drains around Ramachandrapura, Kuvempunagara, Vaishnavi Layout, Srinidhi Layout and Sai Garden in Ward No. 11, Kuvempunagara, BBMP, Bangalore.

Executive Engineer Project Division Yelahanka Zone Bangalore

Reference : EE/P-YNK/WO/117/2018-19 Dated: 08.03.2019

Sample ID : Column Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	13.05.2019	20.05.2019	8.137	487.3	21.66
2	13.05.2019	20.05.2019	8.226	501.7	22.30
3	13.05.2019	20.05.2019	8.382	515.5	22.91

Note:
1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

SAMRUDH ARCHITECTURAL DESIGN

#M-32,25TH Main,LICRaoHousing,J.P Nagar 1st Phase,
Po Box 7826,Bengaluru-560078. Mobile:+91 9845167738 Tele Fax 080-41211493
E-mail:klsuguna7@gmail.com .www.ezdihaar.com

SAMRUDH
Architects and Interior Designers

Job No.: SAID-BBMP-KAM-W.No.11-2019-20 Date: 11.06.2019

TEST REPORT ON CONCRETE CUBES

Client : **Executive Engineer,** Project Division, Yelahanka Zone, BBMP, Bangalore.

Agency : **Sri. K. Achuta Murthy,** Contractor, Bangalore.

Name of the work : Improvements to Roads and Drains around Ramachandrapura, Kuvempunagara, Vaishnavi Layout, Srinidhi Layout and Sai Garden in Ward No. 11, Kuvempunagara, BBMP, Bangalore.

Executive Engineer Project Division Yelahanka Zone Bangalore

Reference : EE/P-YNK/WO/117/2018-19 Dated: 08.03.2019

Sample ID : Roof Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	14.05.2019	11.06.2019	8.335	715.8	31.81
2	14.05.2019	11.06.2019	8.469	734.5	32.64
3	14.05.2019	11.06.2019	8.274	701.2	31.16

Note:
1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

SAMRUDH ARCHITECTURAL DESIGN

#M-32,25TH Main,LICRaoHousing,J.P Nagar 1st Phase,
Po Box 7826,Bengaluru-560078. Mobile:+91 9845167738 Tele Fax 080-41211493
E-mail:klsuguna7@gmail.com .www.ezdihaar.com

SAMRUDH
Architects and Interior Designers

Job No.: SAID-BBMP-KAM-W.No.11-2019-20 Date: 21.05.2019

TEST REPORT ON CONCRETE CUBES

Client	: **Executive Engineer,** Project Division, Yelahanka Zone, BBMP, Bangalore.
Agency	: **Sri. K. Achuta Murthy,** Contractor, Bangalore.
Name of the work	: Improvements to Roads and Drains around Ramachandrapura, Kuvempunagara, Vaishnavi Layout, Srinidhi Layout and Sai Garden in Ward No. 11, Kuvempunagara, BBMP, Bangalore.
Reference	: EE/P-YNK/WO/117/2018-19 Dated: 08.03.2019
Sample ID	: Roof Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{30}
Compressive Strength as on	: 7th day

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength . (N/mm^2)
1	14.05.2019	21.05.2019	8.132	507.4	22.55
2	14.05.2019	21.05.2019	8.284	515.3	22.90
3	14.05.2019	21.05.2019	8.316	529.7	23.54

Note:
1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

SAMRUDH ARCHITECTURAL DESIGN

#M-32,25TH Main,LICRaoHousing,J.P Nagar 1st Phase,
Po Box 7826,Bengaluru-560078. Mobile:+91 9845167738 Tele Fax 080-41211493
E-mail:klsuguna7@gmail.com .www.ezdihaar.com

SAMRUDH
Architects and Interior Designers

Job No.: SAID-BBMP-KAM-W.No.11-2019-20 Date: 11.06.2019

TEST REPORT ON CONCRETE CUBES

Client : **Executive Engineer,** Project Division, Yelahanka Zone, BBMP, Bangalore.

Agency : **Sri. K. Achuta Murthy,** Contractor, Bangalore.

Name of the work : Improvements to Roads and Drains around Ramachandrapura, Kuvempunagara, Vaishnavi Layout, Srinidhi Layout and Sai Garden in Ward No. 11, Kuvempunagara, BBMP, Bangalore.

Reference : EE/P-YNK/WO/117/2018-19 Dated: 08.03.2019

Sample ID : Lintel Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	14.05.2019	11.06.2019	8.251	705.3	31.35
2	14.05.2019	11.06.2019	8.378	719.6	31.98
3	14.05.2019	11.06.2019	8.412	731.8	32.52

Note:
1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

SAMRUDH ARCHITECTURAL DESIGN

#M-32,25TH Main,LICRaoHousing,J.P Nagar 1st Phase,
Po Box 7826,Bengaluru-560078. Mobile:+91 9845167738 Tele Fax 080-41211493
E-mail:klsuguna7@gmail.com .www.ezdihaar.com

Job No.: SAID-BBMP-KAM-W.No.11-2019-20 Date: 21.05.2019

TEST REPORT ON CONCRETE CUBES

Client : **Executive Engineer,** Project Division, Yelahanka Zone, BBMP, Bangalore.

Agency : **Sri. K. Achuta Murthy,** Contractor, Bangalore.

Name of the work : Improvements to Roads and Drains around Ramachandrapura, Kuvempunagara, Vaishnavi Layout, Srinidhi Layout and Sai Garden in Ward No. 11, Kuvempunagara, BBMP, Bangalore.

Reference : EE/P-YNK/WO/117/2018-19 Dated: 08.03.2019

Sample ID : Lintel Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	14.05.2019	21.05.2019	8.231	491.3	21.84
2	14.05.2019	21.05.2019	8.348	515.7	22.92
3	14.05.2019	21.05.2019	8.125	473.8	21.06

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

SAMRUDH ARCHITECTURAL DESIGN

#M-32,25TH Main,LICRaoHousing,J.P Nagar 1st Phase,
Po Box 7826,Bengaluru-560078. Mobile:+91 9845167738 Tele Fax 080-41211493
E-mail:klsuguna7@gmail.com .www.ezdihaar.com

Job No.: SAID-BBMP-KAM-W.No.11-2019-20 Date: 10.06.2019

TEST REPORT ON CONCRETE CUBES

Client	: **Executive Engineer,** Project Division, Yelahanka Zone, BBMP, Bangalore.
Agency	: **Sri. K. Achuta Murthy,** Contractor, Bangalore.
Name of the work	: Improvements to Roads and Drains around Ramachandrapura, Kuvempunagara, Vaishnavi Layout, Srinidhi Layout and Sai Garden in Ward No. 11, Kuvempunagara, BBMP, Bangalore.
Reference	: EE/P-YNK/WO/117/2018-19 Dated: 08.03.2019
Sample ID	: Column Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{30}
Compressive Strength as on	: 28th day

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	13.05.2019	10.06.2019	8.354	698.5	31.04
2	13.05.2019	10.06.2019	8.412	711.4	31.62
3	13.05.2019	10.06.2019	8.293	729.8	32.44

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

SAMRUDH ARCHITECTURAL DESIGN

#M-32,25TH Main,LICRaoHousing,J.P Nagar 1st Phase,
Po Box 7826,Bengaluru-560078. Mobile:+91 9845167738 Tele Fax 080-41211493
E-mail:klsuguna7@gmail.com .www.ezdihaar.com